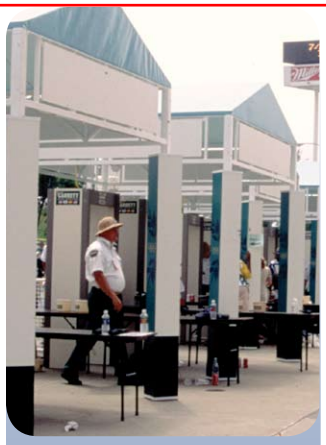
Garrett MT 5500™

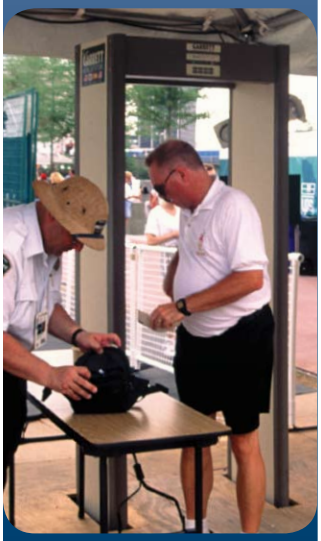
Model # 1167700

This product is available through *JRT* Associates 800-221-0111



APPLICATIONS:

- Airports
- Correctional Facilities
- Arenas
- Public Buildings
- Private Buildings
- Schools
- Special Events
- Loss Prevention
- Nuclear Facilities
- Transportation Terminals
- Courthouses
- Corporate Security
- Historical Landmarks



Visit us online at

www.garrett.com

Walk-Through Metal Detector

The Garrett MT 5500 is is a popular walk-through metal detector because it provides maximum throughput with exceptional multi-dimensional scanninig. The MT 5500 meets the demanding needs of security professionals worldwide who trust its ability to maintain patron flow rate with minimal alarms.

FEATURES

- **Multi-dimensional scanning** indicates whether a metal target is located on the left, right or center of the archway.
- **Uniform detection field** eliminates "hot spots."
- **20 standard programs** for security application versatility.
- **Microprocessor technology** in detection and control circuitry. Maximum of 200 distinct sensitivity levels.
- **Overhead control unit:** LCD, alarm light, LED bar graph and control touchpads—plus all wiring, connections and electronics—are integrated into a single overhead compartment to eliminate exposure of wires and the external control box.
- **Tamper proof settings** through computerized access codes.
- **Three levels** of ankle boost sensitivity.
- **Self diagnostic program:** complete and automatic.
- **Multiple coil design** minimizes false alarms.
- **Rugged, lightweight design** for simple maintenance and easy portability.
- **Meets Electrical Safety and Compatibilty Requirements** for CE, FCC, CSA, IEC, ICNIRP and IEEE.

Three Levels of Audio and Visual Detection

LED and audible alarms indicate target is on the left, right or center of the archway.

TRAINING

Garrett Metal Detectors is the only manufacturer to offer an advanced training course in metal detection checkpoint screening. Now, you can learn from the industry's leading team of metal detection experts. Call today to enroll in The Garrett Academy.

This product is available through:

JRT Associates

5 Nepperhan Avenue, Suite 2B
Elmsford, NY 10523
800-221-0111

MT 5500™

Walk-Through Metal Detector

This product is available through ***JRT*** Associates 800-221-0111

Garrett Metal Detectors is the global leader of security walk-through and hand-held metal detection products and training. From the Olympic Games to U.S. and international airports, Garrett has the proven experience, expertise and reliable products you need to design the most effective security screening checkpoint for your unique application. Whether it's one walk-through unit or a hundred, let Garrett Metal Detectors work with you to make your facility or event more secure.

Easy Assembly

Garrett's MT 5500 is easily assembled with only 4 (four) pieces and 8 (eight) screws and simple to follow instructions.

Multi-Dimensional Scanning

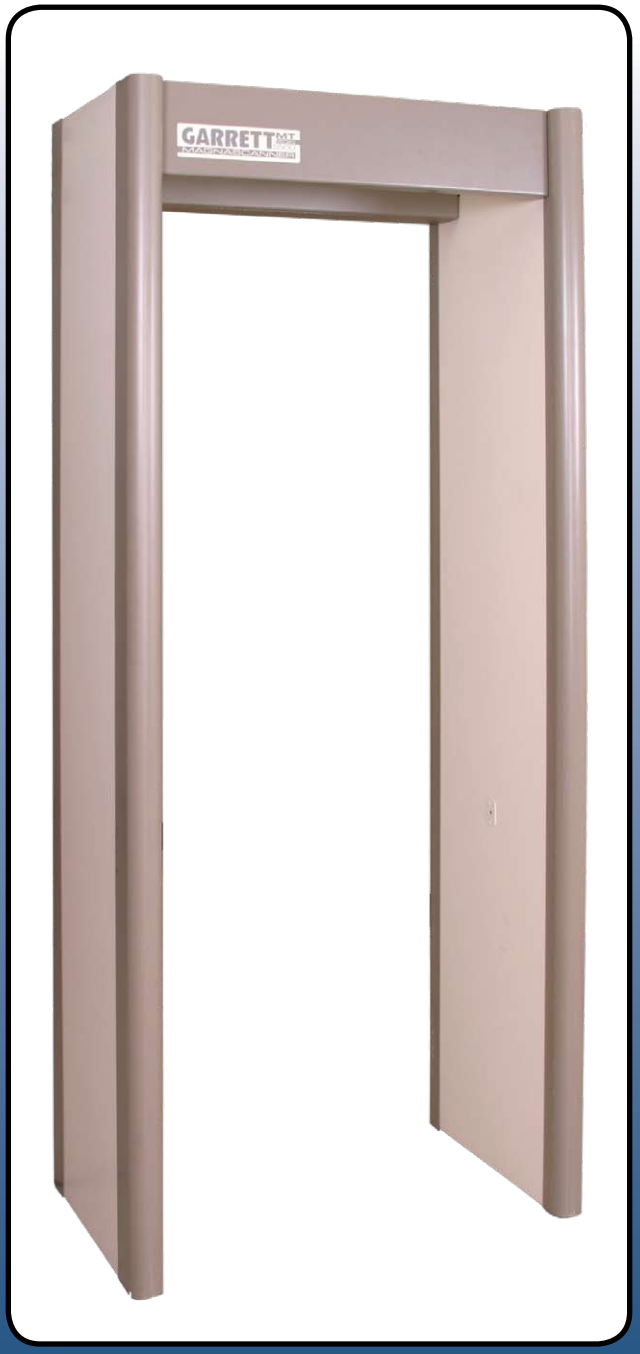
The MT 5500 uses multi-dimensional scanning which ensures maximum throughput and uniform screening with a minimum of false alarms. Multiple coil circuitry with dual alarm lights inform operators on which side of the detector the target is located. With "hot spots" eliminated, the unit's detection field is uniform throughout the archway and false alarms are significantly minimized.

Convenient Touchpad Controls

Eight (8) touchpad controls perform all control functions on the MT 5500 and clearly report all calibration and operating information with alphanumeric displays. Touchpads include: OPERATE, OFF, COUNTER, VOLUME, +/-, PROGRAM and ACCESS.

Instruction Manual and Video

The MT 5500 comes with a standard User's Manual that easily guides you through the functions, settings and programs of the unit. An instructional video is included.



Entrance View

LEFT: The connections, wires and electronics to the MT 5500 are accessible on the inside of the Rear Entry Detection Head.

This product is available through
JRT Associates 800-221-0111

ISO 9001 CERTIFIED
Made in the USA

GARRETT™ METAL DETECTORS

Model # 1167770

The Access Control Panel is designed for use by authorized personnel with specific security codes. It allows authorized users to change settings such as Program and Sensitivity. Security of the detectors settings is maintained with a non-resettable sequence code, which indicates every attempt at access to the settings. A tamper alarm sounds within 10 seconds after the Access touchpad is pressed unless a proper access code is entered.

The MT 5500 includes 20 standard programs, which are maintained in an electrically erasable non-volatile memory for the ultimate in security application versatility. The unit maintains all settings even when disconnected from power and does not require recalibration when the unit is turned OFF and back ON. No battery is required for memory retention. When the unit is in operation, a self-test of all systems is performed continuously with any failures or problems reported on the LCD.

Exit View

Overhead Control Unit
LCD display, alarm lights, LED bar graphs and control touchpads plus all wiring, connections and electronics are integrated into a single overhead compartment which eliminates exposure of wires and external control box.

Microprocessor Controlled
State of the art microprocessors ensure sensitivity and flexibility of programming with a maximum of 200 distinct sensitivity levels.

Audible and Visual Alarms
Audible alarm with 3 distinct tones indicating target on the left, right or center of the archway; two LED bar graphs report detectable metal on either side of the unit or centered within it.

Detection Field
Unique coil design offers multi-dimensional detection field with total uniformity both horizontally and vertically. This design, plus a choice of three levels of ankle level boost, eliminates traditional hot spots and weak signals. Target detection is precise regardless of its location in the archway.

Rugged Design
Rugged, yet lightweight design for simple maintenance and quick, easy portability; MagnaDolly accessory also available.

Passageway Interior	Overall Exterior	Shipping
Width 30” (0.7 m)	Width 35” (0.9 m)	Width 35.5” (0.9 m)
Height 80” (2 m)	Height 87” (2.2 m)	Height 91.5” (2.3m)
Depth 23” (0.5 m)	Depth 23” (0.5 m)	Depth 6.25” (1.5m)

Shipping Weight: 139 lbs. (63 kg)

MT 5500™ Walk-Through Metal Detector

ISO 9001 CERTIFIED
Made in the USA

GARRETT™ METAL DETECTORS

This product is available through *JRT* Associates 800-221-0111

SPECIFICATIONS

Operating Temperatures
-4°F (-20°C) to + 158°F (70°C); Humidity: To 95% noncondensing.

Power
Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 55 watts; no rewiring, switching or adjustments required.

Weatherproofing / Foreign Object Protection Standards
Meets IP 31, IEC Standard. "Degrees of Protection provided by Enclosures," IEC 529.

Interference Suppression
100% sensor coil Faraday shielding; RFI interference reduced with hardware; special Garrett built-in circuitry for noise supression and ignoring x-ray monitors. Physical interference minimized by coil design and circuitry.

Traffic Counter
Built-in and resettable with current reading available on LCD panel.

Synchronization
Multiple channels permit several MT 5500s and other Garrett detectors to operate simultaneously in close proximity.

Alarms
Ready light indicates unit is operational; alarm lights and audible alarms are activated when the target amount of metal is detected; location of alarm lights on left and right side of display combined with variable tone indicates which side of the person the target is located.

Tamper-Proof
Dual-level access codes required to set or change all sensitivity settings and detection programs; one level for use by supervisors in selecting programs and sensitivity and the other for initial set-up and overall control; non-resettable sequence code logs all changes made whenever sensitivity codes are accessed. An audible alarm reports unauthorized attempts at access.

Infrared Sensor
Improves analysis of detection signal; increases throughput; helps eliminate "false alarms" and also provides accurate traffic counter.

Control Outputs
Solid state switches (low voltage AC or DC) for operating external alarms and control devices.

Masking
Programs designed to eliminate the problem of dissimilar targets canceling each other.

Construction
Attractive scratch and mar-resistant laminate with resilient end caps; control panel and cross members made of heavy duty aluminum.

Warranty
Limited 24 months, parts and labor

1544300 REV. C • Revised: March 2008 • © 2008 Garrett Electronics, Inc.

ACCESSORIES

A. Battery Backup Module—Conveniently allows up to eight (8) hours of backup use. (Model # 2225770 US, # 2225780 Euro)

A

B. Desktop Remote Control—For easy remote operation of the MT 5500 from up to 50 feet (standard length). Contact Garrett for optional lengths. (Model # 2225600)

B

C. Operational Test Piece (OTP)—Designed to FAA 3-gun test requirements. (Model # 1600600)

C

D. Removable MagnaDolly—Removable wheel assembly for easy portability. (Model # 1168000)

Permanent MagnaDolly—Permanently fastens to the detector for easy portability. (Model # 1169000, not shown)

D

E. Stabilizer Base—(Model # 1603900)

E

F. 10 ft. Cord Jumper—Allows multiple walk-through detectors, in close proximity, to be linked to the same power source. (Model # 9431900)

F

REGULATORY INFORMATION

The MT 5500 is certified to meet Electrical Safety and Compatibility Requirements for CE, FCC, CSA, IEC, ICNIRP and IEEE.

The MT 5500 meets U.S. and International regulatory requirements for electromagnetic safety. Extensive research has found no information that would indicate Garrett products have adverse effects on pregnancy, medical devices (such as pacemakers) or magnetic recording media. However, directives by physicians and medical device manufacturers regarding metal detectors should be followed.

This product is available through *JRT* Associates 800-221-0111